20030105.qrp v02_n791.qrl.20030105

Date: Sun, 5 Jan 2003 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2791

QRP-L Digest 2791

Topics covered in this issue include:

  1) [144075] Greatest XYL?
     by "Mike Duke, K5XU" <k5xu@jam.rr.com>
  2) [144076] RE: Loop Question
     by "Dave Richards" <wr3i@earthlink.net>
  3) [144077] Re: Scoring on RMFF
     by W2AGN <w2agn@w2agn.net>
  4) [144078] Re: [fpqrp] OT:Which ISP do you recommend? & MSN bogus charges
     by "Jess Gypin" <jessmx5@earthlink.net>
  5) [144079] FS.... QRP+ and Companion Tuner
     by Larry Thomas <aa3px@chilitech.net>
  6) [144080] Re: 30M
     by psschwarz@kellnet.com
  7) [144081] Any of you pigs rolling in the mud on 40???
     by Fred Lesnick <flesnick@tbaytel.net>
  8) [144082] Millen LF GDO Coils
     by Ed Tanton <n4xy@earthlink.net>
  9) [144083] K1 Operation from motel room
     by "res075cz" <res075cz@gte.net>
 10) [144084] Re: Millen LF GDO Coils
     by Thom LaCosta <baltimoremd@baltimoremd.com>
 11) [144085] Re: K1 Operation from motel room
     by Thom LaCosta <baltimoremd@baltimoremd.com>
 12) [144086] Re: Millen LF GDO Coils
     by "Chris Trask" <christrask@earthlink.net>
 13) [144087] Re: Millen LF GDO Coils
     by "Chris Trask" <christrask@earthlink.net>
 14) [144088] RTTY on 7.044
     by Fred Lesnick <flesnick@tbaytel.net>
 15) [144089] RE: Looking for Brian Kassel
     by "Bob Hightower" <nk7m@extremezone.com>
 16) [144090] Re: K1 Operation from motel room
     by Don <dwittlic@APCI.net>
 17) [144091] Re: K1 Operation from motel room
     by "James R. Duffey" <JamesDuffey@comcast.net>
 18) [144092] [OP] RMFF and SST
     by Kenneth Hoglund <hoglund@wfu.edu>
 19) [144093] Re: Millen LF GDO Coils

by "Ben Pfeiffer" <bpfeiffer@tusco.net>
20) [144094] Re: K1 Operation from motel room
by "Dave Ek" <ekdave@earthlink.net>
21) [144095] Re: 2N2222A Heatsinks [And Others]
by George Gingell <k3tks@u1.abs.net>
22) [144096] re: 30M
by k4vib@att.net
23) [144097] Re: Millen LF GDO Coils
by "Chris Trask" <christrask@earthlink.net>
24) [144098] FS: TT 282/285 and 960 PS
by "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
25) [144099] OT:Wanted: Win95 on Floppy Disks
by "John Paul Dooley" <portscom@hotmail.com>
26) [144100] FS: AEA DX Handy MX-28S
by "John Paul Dooley" <portscom@hotmail.com>
27) [144101] Re: 30M
by "Pastor-kc1di" <elbc2@gwi.net>
28) [144102] Re: K1 Operation from motel room
by "Ray Goff" <radioham@gmx.co.uk>
29) [144103] Re: K1 Operation from motel room
by Frank Brickle <brickle@pobox.com>
30) [144104] Re: 2N2222A Heatsinks [And Others] [addendum]
by Chuck Carpenter <w5usj@9plus.net>
31) [144105] Re: 2N2222A Heatsinks [And Others]
by "Leon Heller" <leon_heller@hotmail.com>
32) [144106] Re: 30M
by "Karl F. Larsen" <k5di@zianet.com>
33) [144107] Re: 30M
by Thom LaCosta <baltimoremd@baltimoremd.com>
34) [144108] RE: 30M
by "Karl F. Larsen" <k5di@zianet.com>
35) [144109] Re: [OP] RMFF and SST
by W2AGN <w2agn@w2agn.net>
36) [144110] QSLing DX Stations
by Joseph Mikuckis <k3chp@erols.com>
37) [144111] Re: 2N2222A Heatsinks [And Others]
by "John J. McDonough" <wb8rcr@arrl.net>
38) [144112] RE: 30M
by "W2BJ" <w2bj@minsky.info>
39) [144113] Re: 30M
by "G. Brandon Hoyt" <preacher102677@juno.com>
40) [144114] Re: K1 Operation from motel room
by John Harper AE5X <ae5x@qsl.net>
41) [144115] Re: K1 Operation from motel room
by Dave Gingrich K9DC <gingrich2@dcg.org>
42) [144116] R-M Sidetone LP Filter Experiment (unused R-M op amp)
by Chuck Carpenter <w5usj@9plus.net>
43) [144117] Re: 30M

    by David Hinerman <WD8CIV@worldnet.att.net>
 44) [144118] Re: 2N2222 Heat sinks?
    by Tim Groat <tcgroat@earthlink.net>
 45) [144119] Re: VFO pulling
    by Tim Groat <tcgroat@earthlink.net>
 46) [144120] Re: K1 Operation from motel room
    by "res075cz" <res075cz@gte.net>
 47) [144121] Re: OT:Wanted: Win95 on Floppy Disks
    by "Mike Yetsko" <myetsko@insydesw.com>
 48) [144122] FS: Porta Paddle
    by Larry - WA2DGD <wa2dgd@comcast.net>
 49) [144123] Re: [OP] RMFF and SST
    by "Bill, N4QA" <n4qa@hotmail.com>
 50) [144124] Re: 30M
    by "Karl F. Larsen" <k5di@zianet.com>
 51) [144125] Re: RFI, was Evil ARRL?
    by Larry Cahoon <lejek@erols.com>
 52) [144126] Question about Parallel vs Darlington in PA Configuration
    by k4vib@att.net
 53) [144127] RE: Wanted: Win95 on Floppy Disks
    by Mark Schoonover <schoon@amgt.com>
 54) [144128] Kinda OT - looking for CPU
    by Al Scanandoah <k2zn@rochester.rr.com>
 55) [144129] Re: Question about Parallel vs Darlington in PA Configuration
    by David Hinerman <WD8CIV@worldnet.att.net>
 56) [144130] RE: Question about Parallel vs Darlington in PA Configuration
    by Nick Kennedy <nkennedy@tcainternet.com>
 57) [144131] Re: 30m
    by Al Scanandoah <k2zn@rochester.rr.com>
 58) [144132] RE: RMFF and SST
    by Kenneth Hoglund <hoglund@wfu.edu>
 59) [144133] Info on Tandy Model 100 notebook?
    by "Darrel E. Jones" <wd6bor@vom.com>
 60) [144134] RE: RMFF and SST
    by W2AGN <w2agn@w2agn.net>
 61) [144135] Re: 30m
    by Chuck Carpenter <w5usj@9plus.net>
 62) [144136] Audio Hiss Modification in Norcal 20 Manual
    by k4vib@att.net
 63) [144137] RE: RMFF and SST
    by Nick Kennedy <nkennedy@tcainternet.com>
 64) [144138] Re: 2N2222A Heatsinks [And Others]
    by "E. Roswell" <eroswell@monmouth.com>
 65) [144139] Re: Wanted: Win95 on Floppy Disks
    by Harry Hurst <wa3ptg@comcast.net>
 66) [144140] Oscilloscope recommendations for beginner - Do I really need 100MHz bandwidth?
    by Michael Payne <n6oft@yahoo.com>

 67) [144141] Re: Oscilloscope recommendations for beginner - Do I really need 100MHz bandwidth?
     by "Ray Goff" <radioham@gmx.co.uk>
 68) [144142] Re: An observation
     by "Tom Palmer" <n1tp@swfla.rr.com>
 69) [144143] re: 30M --censor filter test
     by William R Colbert <w5xe@juno.com>
 70) [144144] Re: Wire and ferrite baluns
     by Bill Coleman <aa4lr@arrl.net>
 71) [144145] Re: Wire and ferrite baluns
     by Bill Coleman <aa4lr@arrl.net>
 72) [144146] Re: An observation
     by KD5NWA <KD5NWA@cbayona.com>
 73) [144147] Re: An observation
     by W2AGN <w2agn@w2agn.net>
 74) [144148] Re: An observation
     by "George, W5YR" <w5yr@att.net>
 75) [144149] FOX N0TK Final Log
     by N0tk@aol.com
 76) [144150] Re: Oscilloscope recommendations for beginner - Do I really need 100MHz bandwidth?
     by David Hinerman <WD8CIV@worldnet.att.net>
 77) [144151] happy dance!
     by David Hinerman <WD8CIV@worldnet.att.net>
 78) [144152] QST article request
     by Larry Thomas <aa3px@chilitech.net>
 79) [144153] RE: happy dance!
     by "Emmerson Bigguns" <n8ie@woh.rr.com>
 80) [144154] Re: Millen LF GDO Coils
     by "Howard Kraus" <K2UD@adelphia.net>
 81) [144155] Re: happy dance!
     by Thom LaCosta <baltimoremd@baltimoremd.com>
 82) [144156] RE: happy dance!
     by "NF0J - Dave" <nf0j@att.net>

Date: Sat, 4 Jan 2003 18:05:02 -0600
From: "Mike Duke, K5XU" <k5xu@jam.rr.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [144075] Greatest XYL?
Message-ID: <008501c2b44e$1b1e1400$32d4a418@jam.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Okay, so it's after Christmas, and most of you have stopped talking about

this subject and moved on to
evil empire stuff.

Today, friends came over to pour the base for my tower. What did my XYL do for the project? She sacrificed a flower bed!

She scores lots of points in my logbook!

Mike Duke, K5XU
American Council of Blind Radio Amateurs

Date: Sat, 4 Jan 2003 19:09:58 -0500
From: "Dave Richards" <wr3i@earthlink.net>
To: <hessls@csi.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144076] RE: Loop Question
Message-ID: <FAEEKPCBNNDNKGMGPIBKOEPMCKAA.wr3i@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

None,
 It will still warm the clouds
Dave
W1QB

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of larry hess
Sent: Saturday, January 04, 2003 4:30 PM
To: Low Power Amateur Radio Discussion
Subject: Loop Question

Have a 40 meter horizontal loop, roughly rectangular, about 25 feet high around the periphery of the house.It is fed at the SouthEast corner with open wire line.What changes would occur if the feedpoint is moved to the Northeast corner? Thanks
Larry W8GTT

Date: Sat, 04 Jan 2003 19:35:10 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144077] Re: Scoring on RMFF
Message-ID: <3E17376E.18035.26A293C@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 4 Jan 2003 at 18:04, Bill, N4QA wrote:

>
> One thing's fer sure...
> We've got John, W2AGN, talkin' just like a true Southerner...
> 'Diustance' is, of course, a three-syllable word fer how fer apart
folks
> is...hee hee hee.
>
> 73.
> Bill, N4QA

That's from having lived 10 years in Meridian, MS.

+-++-++-++-++-+   John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+-++-++-++-++-+   Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 4 Jan 2003 17:35:50 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: <terresfm@ncia.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144078] Re: [fpqrp] OT:Which ISP do you recommend? & MSN bogus charges
Message-ID: <00cb01c2b452$68cd5400$41365742@jgypin>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I really have kept quiet about the Quicken post and others, but this kind of
stuff REALLY does not belong on here guys.

Jess
----- Original Message -----
From: "Terres Family" <terresfm@ncia.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 04, 2003 12:16 PM
Subject: RE: [fpqrp] OT:Which ISP do you recommend? & MSN bogus charges

>
> My wife's credit card has been billed for three months of MSN internet
> access BUT none of us have ever used, subscribed to, or other wise
> authorized payments for MSN internet access.
>
> Anybody else ever have this problem with Microsoft suddenly billing your
> credit card out of the blue? If so how did you fix it?
>
> Yeah, I know. Way off topic.
> 72
>
> Jerry aa1of
>
> (once got a copy of 'asheron's gate' for "free" in the mail with 2
> months free on line playing and a coupon for a third free month.
> Installed it, looked at it but never played it. Thought I might try it
> sometime. It came from MicroSoft. Tried to use the coupon for the free
> 3rd month but it wouldn't let you until the first 2 months had run out.
> When the first two months were over it would only let you use the coupon
> for a 'free 3rd month' for month number 4. It had already billed my
> credit card for month number 3! Can't use the coupon till the first 2
> months are over, BUT once the first 2 months are over it "AUTOMATICALLY'
> bills your credit card for month number 3. Called and emailed, they said
> there was nothing they could do. They said the software did it and they
> had 'no control' over the software!!!!??)
>

Date: Sat, 04 Jan 2003 20:02:09 -0500
From: Larry Thomas <aa3px@chilitech.net>
To: qrp-l@Lehigh.EDU
Subject: [144079] FS.... QRP+ and Companion Tuner
Message-ID: <5.1.1.6.2.20030104195531.00a485c0@mail.chilitech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

  Hello, All I have for sale a QRP+ and companion tuner. with a MIC. All working fine :) In good cosmetic condition. I have reprogrammed the E-Prom to open the transmit up for all frequencies. Will also included the original E-prom in the sale. Also have the manuals. Asking $450 Shipping

included. Shot me an E-mail if interested.

Larry Thomas
AA3PX
Technical Coordinator E. PA
570-204-0000 Work
570-799-0801 Home

Date: Sun, 05 Jan 2003 01:21:54 GMT
From: psschwarz@kellnet.com
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144080] Re: 30M
Message-ID: <20030105012154.1967.qmail@mail.kellnet.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gergea writes:

Not so bad before someone decided to make 10.125 and up the digital nirvana.

Is that what hammers 10.13 after dark? I often wondered.

Patrick...KB8RTZ...

Date: Sat, 04 Jan 2003 20:48:30 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: "'fpqrp@egroups.com'" <fpqrp@egroups.com>, QRPL <qrp-l@Lehigh.EDU>
Subject: [144081] Any of you pigs rolling in the mud on 40???
Message-ID: <3E178EEE.A4C4DDBE@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Any of you pigs rolling in the mud on 40 tonight, or is everybody in the
barn hidin?
Just had a great qso with Bud, WA2BQI/QRP in Jamestown ,NY, a solid 589,
shows you how bad condx were on the night of the foxhunt eh!!!!!
Oh yea, this qso just take place at 0121 z on 7.051 which is
still(crossing my fingers) RTTY free....ooops, here RTTY now....
I will be listening on this frequency anyway....

Fred

VE3FAL
FP 101.....

Date: Sat, 04 Jan 2003 21:12:27 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: noGA reflector <nogaqrp@mailman.qth.net>
Cc: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [144082] Millen LF GDO Coils
Message-ID: <5.2.0.9.2.20030104210824.01ecfe68@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The 4 Millen LF-VLF GDO coils are listed SEPARATELY (personally I disagree with this) on ebay (not by me). These are QUITE hard to find-else I wouldn't be mentioning this. Search on "grid dip" . If it's not supposed to be done on QRP-L, my apologies.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sat, 4 Jan 2003 21:12:41 -0600
From: "res075cz" <res075cz@gte.net>
To: <qrp-l@lehigh.edu>
Subject: [144083] K1 Operation from motel room
Message-ID: <03a001c2b468$4f64cdc0$0f972804@dslverizon.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, my health has finally improved to the point where I can visit my son in Oklahoma City in February. I will be staying in a motel room. I have been a ham for over 60 years and used to operate portable as a mobile or from my RV, but those days are gone.

I have an Elecraft K1 with all the accessories. I have been considering trying to operate from the motel room but I am not sure it is practical with a QRP signal (3 watts on batteries) and some kind of a makeshift indoor antenna. In fact the more I think about it, the more sure I am it will not work.

I am interested only in 40 meter CW. I want to keep in touch with my old Texas friends on 40 meter CW.

Am I dreaming? What think you?

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt (E-9), USAF, Ret., San Angelo, TX
Ham for over 60 yrs. 90% CW
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Sat, 4 Jan 2003 22:20:18 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Ed Tanton <n4xy@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144084] Re: Millen LF GDO Coils
Message-ID: <20030104221219.N76535-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 4 Jan 2003, Ed Tanton wrote:

> The 4 Millen LF-VLF GDO coils are listed SEPARATELY (personally I disagree
> with this) on ebay (not by me).

In a non-cyber auction the auctioneer, being cagey, would have either set the conditions as:

"By the piece"
or

"One price takes all"

In the bad old days of face-to-face auctions some folks actually stood in
the back of the room and submitted "rafter" bids, simply to keep the
prices high.

Not that I know about those things, not that......

Ebay, like so many cyber-things, is devoid of the rich heritage of
face-to-face dealings.

Many Ebay bidders, without some connection to history are more than
willing to pay outlandish prices for stuff.

So, to be QRP-Obligatory, each year I see:
Less and Less "good stuff" at ham fests,
More and More "over-priced stuff" on ebay

I'm really out of the buying loop, but I feel for the new comers
who may never experience the fun of minimal investment in junk and
the excitiement of their first _____ adventure.

Thom

baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/ Baltimore's Home Page
http://www.baltimorehon.com/ Home of the Baltimore Lexicon
http://www.zerobeat.net Home of The QRP Web Ring and DrakeList
http://www.tlchost.net Web Hosting as low as $3.49/month

Date: Sat, 4 Jan 2003 22:23:12 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: res075cz <res075cz@gte.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144085] Re: K1 Operation from motel room
Message-ID: <20030104222055.P76535-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 4 Jan 2003, res075cz wrote:

> trying to operate from the motel room but I am not sure it is practical with
> a QRP signal (3 watts on batteries) and some kind of a makeshift indoor
> antenna. In fact the more I think about it, the more sure I am it will not
> work.

I think it will...and to prove the point...duplicate the "impossible"
lash-up at home....once you've made some contacts, you'll feel better.

I will NOT tell you about loading the K2 into a hunk of wire in front of
the post office after I took it out of the box and having a qso...after
all, it's impossible. >

Thom

baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/ Baltimore's Home Page
http://www.baltimorehon.com/ Home of the Baltimore Lexicon
http://www.zerobeat.net Home of The QRP Web Ring and DrakeList
http://www.tlchost.net Web Hosting as low as $3.49/month

Date: Sat, 4 Jan 2003 20:30:57 -0700
From: "Chris Trask" <christrask@earthlink.net>
To: <n4xy@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144086] Re: Millen LF GDO Coils
Message-ID: <00cb01c2b46a$dd264100$0b8d3a41@ctrask>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

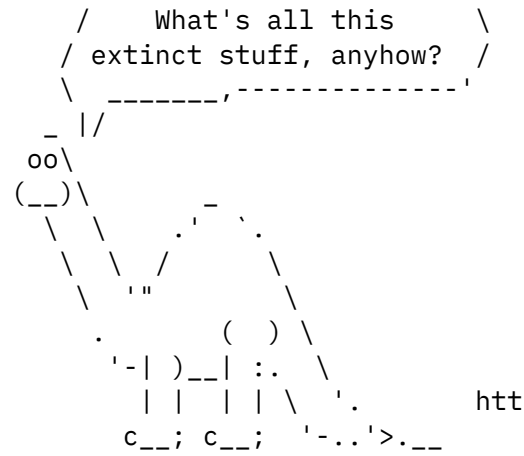
> The 4 Millen LF-VLF GDO coils are listed SEPARATELY (personally
> I disagree with this) on ebay (not by me). These are QUITE hard
> to find-else I wouldn't be mentioning this. Search on "grid dip".
> If it's not supposed to be done on QRP-L, my apologies.
>

I bought a set of those along with the meter proper at a flea market a few years ago for a mere $50. Still in the boxes.

Remember that only the one GDO model, the 90651-A will use those. It has to have the third connection for the centre tap. That's what I was told by the fellow at Millen who sold me a replacement for that plastic plate on the rear.

Chris

,----------. High Performance Mixers and



Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
http://www.home.earthlink.net/~christrask

Graphics by Loek Frederiks

----- Original Message -----
From: "Ed Tanton" <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 04, 2003 7:12 PM
Subject: Millen LF GDO Coils

> 73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: http://www.n4xy.com
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
>
>

Date: Sat, 4 Jan 2003 20:41:50 -0700
From: "Chris Trask" <christrask@earthlink.net>
To: <n4xy@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144087] Re: Millen LF GDO Coils
Message-ID: <00dd01c2b46c$624ee340$0b8d3a41@ctrask>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> The 4 Millen LF-VLF GDO coils are listed SEPARATELY (personally I
> disagree with this) on ebay (not by me). These are QUITE hard to
> find-else I wouldn't be mentioning this. Search on "grid dip".
> If it's not supposed to be done on QRP-L, my apologies.
>

    Hmmm... Must be the 90652 (solid state) GDO that they won't work with. Just looked at all three of mine and the 90651 and 90651-A both have the centre tap connection.

Chris

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
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P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
http://www.home.earthlink.net/~christrask

Graphics by Loek Frederiks

Date: Sat, 04 Jan 2003 22:41:13 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: "'fpqrp@egroups.com'" <fpqrp@egroups.com>, QRPL <qrp-l@Lehigh.EDU>

Subject: [144088] RTTY on 7.044
Message-ID: <3E17A959.A618C907@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well gang, I can hear pigs calling CQ, but N2FF in New York, is just too loud, and he is sitting exactly on the frequency.....

Fred
0340 z
FP101......

Date: Sat, 4 Jan 2003 20:50:15 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-l@lehigh.edu>
Subject: [144089] RE: Looking for Brian Kassel
Message-ID: <001501c2b46d$92076bb0$3c4998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

     Thanks to all for the notes re: Brian's email. Got it.

For some reason, the ARRL address didn't work....some short glitch, I hope.

Bob NK7M

Date: Sat, 04 Jan 2003 22:15:10 -0600
From: Don <dwittlic@APCI.net>
To: res075cz@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144090] Re: K1 Operation from motel room
Message-ID: <3E17B14E.C3AD8427@APCI.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

res075cz wrote:
> ...I have been considering
> trying to operate from the motel room but I am not sure it is practical with
> a QRP signal ...
> 73 de Jim, K5ROV...

Jim, if there is any way you can get advance info about the construction of the motel, perhaps from a ham who has stayed there, it will help your planning. I found out that motel conditions could be quite different from indoor operation in my 70 year old house.
Example: Modern construction with foil faced insulation, steel studs in walls, and metallic reflective coating on the window glass will make reception difficult with an indoor antenna. Increase your chances for success by choosing an older, one or 2 story motel that is more likely to be wood frame and less shielded.
Don Wittlich WN9V

Date: Sat, 04 Jan 2003 21:20:27 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: qrp-l@lehigh.edu
Subject: [144091] Re: K1 Operation from motel room
Message-ID: <BA3D009B.22A9A%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Jim - I suspect that it will work better than you think. Things to consider:

1. Get a room on the upper floor. If you are trying to work Texas, try to get a room on the south side of the hotel.

2. Use an outdoor antenna. This requires windows that open. Poke a small hole in the screen.

3. Two 33 ft lengths of wire work pretty good as an antenna. Put one out the window. Try to get it to stand a bit off the wall. Use the other for counterpoise. Gray wire is pretty good at hiding itself

4. If you can run the rig from 12 V (or 13.8 V), the increased power will be helpful. At weak signal levels the 3 dB or so you gain from the increased power will help more than you think.

5. You might want to run a propagation prediction program to see when the

best times for contacts will be and try then.

6. As someone suggested, try it at home to see how it works.

Let us know how it works. - Duffey

--
James R. Duffey KK6MC/5
Cedar Crest, NM   DM65

Date: Sat, 04 Jan 2003 23:25:13 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144092] [OP] RMFF and SST
Message-ID: <3E17B3A9.5429A55F@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of the ideas we had for the 'Flea Fight' was to reward those who can sustain a distance qso with a 'rock-bound' rig.

The SST has 10 khz of range---not that much advantage over a fixed XTAL when the question is not the "quantity" of qso's but the "quality" (i.e. length of qso X distance covered). Of course, 2.5 watts out is probably more helpful than 300mW for a rig like my Tuna Tin II.

Besides, the big multiplier for working the Special Stations presumes these qso's are with Rock Mites, since all the Special Stations were RM's. And they were all more or less at the qrp watering holes for 40m and 20m. 10 khz range wouldn't be much use in hunting stations on top of each other!

73
Ken KG4FGC

Date: Sat, 4 Jan 2003 23:29:19 -0500
From: "Ben Pfeiffer" <bpfeiffer@tusco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144093] Re: Millen LF GDO Coils
Message-ID: <002f01c2b473$04270520$cbae0540@benpfeif>

MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chris, my 90652 has a third connection, at the very top, so does it also use the LF/VLF Coils??
I probably should read the manual and see.
And I won't tell you what I paid for mine, but it was half of what you paid.
Did I do OK (G)

72..de..ka8lle..Ben

Date: Sat, 4 Jan 2003 21:31:50 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144094] Re: K1 Operation from motel room
Message-ID: <001d01c2b473$5dd53dd0$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Jim,

Thom makes a good suggestion--try a setup at home and see if it works. My limited experience with trying to work QRP from inside a hotel using an indoor antenna has been poor. Generally, there is a lot of metal in the hotel structure that can pretty effectively shield your antenna (not good), but it depends on the hotel. If you can get a wire out a window you'll probably have better luck. The K1 ATU is (I believe) designed with the long wire antenna (with counterpoise) in mind, so that might be a good bet if you can get some wire outside. If you have a car, you might try operating from the car instead. Park it under a tree and throw some wire up in the air. Or if you don't, take along a lawn chair and sit under the tree... (Oklahoma *does* have trees, doesn't it? ;-)

We'll all be interested in hearing your experience. Give it a try--nothing to lose, right? Good luck -

73 de Dave NK0E

Date: Sat, 4 Jan 2003 23:58:05 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [144095] Re: 2N2222A Heatsinks [And Others]
Message-ID: <20030104225318.J64072-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It took a while, but it looks like this is the first Real Homebrew thread for 2003. I am particularly impressed by the contributions of DK3RED, and N5IB, Both of whom expressed ideas that I had as well as some that i have personally used in the past.

I am inclined to make my own from W.H.Y. (U.K. for What Have You?)

I also like the recycled look as I shows true Ham Spirit (As in Cheep, Cheep :^}

I will re-list some of their suggestions and add a few more for thought.

OBTW this does not mean that I never use the Commercial Heat Sinks. Some are fantastic and are reserved for those really special projects that need to look like they are Commercial Products. You know, those that stay in the boxes and are only brought out for "Show es Tell" (Also known as Bragging Toys).

1. make slices in a piece of copper/brass tubing and press it down on top of the Transistor Case. I can be very artistic, about 4 cuts (one X) in the bottom and maybe 6 or 8 cuts in the top and bend out the top to form a sunburst/star design.

2. Drill a 3/16" hole in Lincoln Penny and press fit it to the transistor case. (I don't think the Defacing of Currency law isstill in effect). Consider the Jewelry that uses actual U.S. Currency (coins). 10 Cent Earrings. :^} Don't tell the XYL. :^}

3. Worried about the above version? Then just solder the Penny or if you like a more expensive model, use a $ .10 coin. Improve your chances of success, but scratching/sanding the top of the transistor case and applying some soldering paste acid is ok in this procedure, then with a hot iron quickly apply a dab of solder to tin the top. You can use forsceps to act as a heatsink if you like, I usually just put it in the small vise. Then prepare the selected coins by same procedure. I use the wire brush on the grinder to clean them up then apply paste or liquid flux and tin the coin on one side. when you are ready, just balance the coin on the top of the transistor and apply heat for a few seconds. (Sweat Solder

the penny to the top of the transistor.

Jewelry making experience or Plumbing experience is helpful.

4. Version number three, can be a bit more difficult to make, so I offer a couple of alternatives.

a. Start with a piece of 3/16" or 1/4" soft copper tubing or Hobby Brass. Home Depot Plumbing Department or your Local Hobby Shop for the Brass Tubing.

Note that they sell an assortment of Metal Tubing in a Baggie for about $ 5.00 Very handy for homebrew projects.

Select a length of the proper size for your transistor, using a Zona/Xacto Razor Saw, make a 1/4" to 1/2" deep "X" cut in one end. This is the end that will press onto the tranny top. The Top end is also cut with the saw in similar matter, I recommend either a 3 cut or 4 cut. Then spread out the top section and tin it and then solder it to the Coin as in a previous version. This one is easier to reuse. and unlikely to damage the Transistor with soldering. If you plan to add the heat sink to a Non-Metalic Case device, PN2222A ? Make as above but omit the botton end cuts. Mix up some "JB Weld" (2 Part Epoxy) put a reasonable amount into the bottom of the heatsink and add the Transistor let it set with the Top Hat Up. That gooey stuff will settle down and really hold the heatsink in place. This is definately a low cost method and suitable for Field Adventures.

I am being pressured to shut off the CPU for the night, so i only have time for a couple of more Quickies.

The Shooters on the list will have plenty of Brass for heat sinks.

I have not checked the size lately, but I would consider the .22 LR Case as a good cantidate for a 2N2222A Heatsink, One slot with the saw if needed. ?

Harbor Freight often hase a good sale on those nifty Drill Stops, For the larger Tranny's you might need to bore out the hole a smidge.

These are also reuseable.

Got some 1/8 to 1/4 aluminum scrap? cut a disk or square and make the appropriate size center hole, then add a single slot from the edge to the hole. The center hole should be slightly smaiier than the tranny case for a snug pressure fit. Remember most cases are slightly tapered which makes it all the easier to do it.

Back to the Coins of the Realm, The Hole and or hole+slot works great using the Penny, Dime, etc. Worried about the Feds? Simple just run down

to your local coin dealer and purchase a bag of Cehap Foreign Coins.

If you find any U.S. Coins in the bag, spend them, if you are in U.K. or other DX locations, just use the Yankee Coins :^}

Last tid bit. You might note that one case that I know of concerning the use of U.S. Currency by drilling or punching holes in it was blocked by the FEDS. When Copper prices became higher U.S. Pennies, some companies were planning to Convert U.S. Cents into nice little "Copper Washers" they would have saved a bundle in production costs, but the FEDs nixed the plan on the basis of it causing a Currency Shortage.

While I don't recall the source of this Urban Legend? It sounds like a good tale to me, or was it a heads?

We all need to save a little here and there, it might as well be on the Heatsinks. :^}

Thanks also to Dave and others who provided the information on the commercial versions for those who are into making those higher class of rigs.

I hope you enjoyed this little break in the normal [OT] Non-QRP, Non-Homebrew posting, here on the qrpl list. I know that my .signature line is much longer than most, which is why I try to reply only if I feel that I can add something to the list.

Just so that the Regulars are not left out, I will add a small antidote <sp?> for the [OT] posting section. Part of email received tonight...

A husband read an article to his wife about how many words women use a day... 30,000 to a man's 15,000. The wife replied, "The reason has to do be because a woman has to say everything twice." The husband then turned to his wife and asked, "What?" :^}

And finally, This:

A man said to his wife one day, "I don't know how you can be so stupid and so beautiful at the same time." The wife responded, "Allow me to explain. God made me beautiful so that you would be attraacted to me; God made me stupid so I would be attracted to you!" :^} Needless to say this could fit personal experience, so I will not elaborate more...

Happy Homebrewing and a very good 2003 to all.

QRPp Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, & I.Q.S.F. Donations Accepted.

RU-QRP? Club Representative, U.S. Treasurer & Founder of I.Q.S.F.

Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sun, 05 Jan 2003 05:02:43 +0000
From: k4vib@att.net
To: qrp-l@Lehigh.EDU
Subject: [144096] re: 30M
Message-ID: <20030105050243.OXHT12483.mtiwmhc12.worldnet.att.net@mtiwebc19>

I'm using a 40m full wave wire loop up 33ft fed with tv twin lead.

Bill
K4VIB
> The only draw-back to 30 meter operation is the small size of the band.
> Not so bad before someone decided to make
> 10.125 and up the digital nirvana. Now, it's only 25 Khz for CW work.
> Interesting band. What are you folks using
> for antennas on 30 meters? My G5RV with tuner WILL work, but not very
> well.
>
> Geo

>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.435 / Virus Database: 244 - Release Date: 12/30/02
>

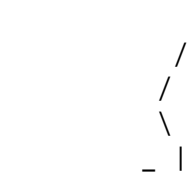
Date: Sat, 4 Jan 2003 22:54:14 -0700
From: "Chris Trask" <christrask@earthlink.net>
To: <bpfeiffer@tusco.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144097] Re: Millen LF GDO Coils
Message-ID: <013501c2b47e$e1d1d7a0$0b8d3a41@ctrask>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> Chris, my 90652 has a third connection, at the very top, so does
> it also use the LF/VLF Coils?? I probably should read the manual
> and see. And I won't tell you what I paid for mine, but it was
> half of what you paid.
> Did I do OK (G)
>

    Wow! You got that for just $25?!?!? Can't even get the Heathkits that cheaply.

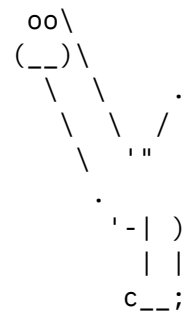
    Way back when I was fixing up my one GDO (broken endplate), I happened to talk to a fellow back at Millen who talked my ear off about them. Among the things he said was that the tube ones were more sensitive than the solid state ones, and that there was one (or was it some?) that would not use the LF coils. Going through all the manuals it looks like he must have said it was the 90652 (the solid state one), as it makes no mention of the LF coils.

Chris



High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer



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http://www.home.earthlink.net/~christrask

Graphics by Loek Frederiks

----- Original Message -----
From: "Ben Pfeiffer" <bpfeiffer@tusco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 04, 2003 9:29 PM
Subject: Re: Millen LF GDO Coils
> 72..de..ka8lle..Ben
>
>

Date: Sun, 05 Jan 2003 05:58:15 -0000
From: "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
To: qrp-l@lehigh.edu, tentec@contesting.com
Subject: [144098] FS: TT 282/285 and 960 PS
Message-ID: <57054650.1041746295@K2QO>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Hi Gang,

The filters, 285 (500 Hz) and 282 (250Hz), are for sale for $70 each postpaid or I will take $130 for the pair ppd if they go to the same address.

The 960 Power Supply Speaker console is $110+ actual UPS shipping from 14031.

Thanks for checking these out.

73,
Mark K2QO

Mark S. Adams, P.E.
University at Buffalo
Occupational and Environmental Safety
220 Winspear Avenue
Buffalo, NY 14215-1034
Tel: 716.829.3707 ext. 25 Fax: 716.829.2704
Cell: 716.863.7229

Date: Sat, 4 Jan 2003 22:04:33 -0800
From: "John Paul Dooley" <portscom@hotmail.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [144099] OT:Wanted: Win95 on Floppy Disks
Message-ID: <OE48WpSWerOc0Ne0PaL000023cc@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Looking for a set of Win95 on Floppy. If you are ready to part with your set, name your price, including shipping.
I have a nice laptop that I run TRX Manager and Digipan as well as a few other hamradio related (and QRP!!) softwares on. The unit does not include a CD Rom and I would like to reformat the drive. I have a utility to format the floppies disks to copy them, but I've been unsuccessful in finding a site that has them for download. I believe they are 14 total. Please send me any info on what you have, or Any feedback on this subject and it would be most appreciated.
73 John W6ZIP es HS ZEH

Date: Sat, 4 Jan 2003 22:33:35 -0800
From: "John Paul Dooley" <portscom@hotmail.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [144100] FS: AEA DX Handy MX-28S
Message-ID: <OE42Z79u0joVy0rBONW0000da48@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I have an AEA DX Handy 10M SSB/CW Radio for sale. Great cond. Has a few

little dings on the bottom of the case, works great!!!! Comes with two sets
of crystals:
28.00-28.05
28.25-28.30
28.40-28.45
28.45-28.50
+ telescopic antenna and copy of manual with schematics.
Pictures sent on request, asking $150
73
John W6ZIP es HS ZEH

Date: Sun, 5 Jan 2003 04:59:13 -0500 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: <psschwarz@kellnet.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144101] Re: 30M
Message-ID: <3E1801F1.000009.01988@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

 =0D
 =0D
-------Original Message-------=0D
 =0D
From: psschwarz@kellnet.com=0D
Date: Saturday, January 04, 2003 8:31:59 PM=0D
To: Low Power Amateur Radio Discussion=0D
Subject: Re: 30M=0D
 =0D
gergea writes: =0D
 =0D
Not so bad before someone decided to make 10.125 and up the digital nirva=
na.
=0D
 =0D
Is that what hammers 10.13 after dark? I often wondered. =0D
 =0D
Patrick...KB8RTZ...=0D
 =0D
=2E Patrick the RTTY on 10.130 is a commercial station there is always on=
e on
or about 10101 also.. some countries have never moved their commercial
digital stuff off the band. Also I see very little digital on 30 meters h=

ere
 but most of the cw activity is below 10.121. =0D
 =0D
73 Dave kc1di=20

Date: Sun, 5 Jan 2003 10:33:13 -0000
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144102] Re: K1 Operation from motel room
Message-ID: <002c01c2b4a5$fe7acf20$5ef10350@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Take a look on my web site for a simple portable loop antenna that I use all
the time when travelling.

Somebody pointed that it is important to know the construction of the motel
you are staying in. I have found that any building which has any form of
metal infrastructure will act as a Faraday screen and seriously reduce your
radiated power!

However, don't give up as it can be done, I have dozens of QSOs logged from
hotel rooms around Europe.

Good Luck and Happy New Year

Ray, g4fon

www.g4fon.co.uk

Date: Sun, 05 Jan 2003 02:52:34 -0800
From: Frank Brickle <brickle@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [144103] Re: K1 Operation from motel room
Message-ID: <3E180E72.5080000@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed

Content-transfer-encoding: 7BIT

Jim --

>...I have been considering
>trying to operate from the motel room but I am not sure it is practical with
>a QRP signal (3 watts on batteries) and some kind of a makeshift indoor
>antenna.
>
In motels and hotels the problem is often *hearing*, not getting out.
Lots of sources of
hash. Common sense will tell you where the obvious sources are located
so you can
stay away from them. The only one that's very hard to escape is ignition
noise if you're
in a city hotel or a motel on a major highway or near a big airport.

3 watts is plenty if you can get some wire, any sort of wire, outside
the room.

73
Frank
AB2KT/VE7

Date: Sun, 05 Jan 2003 05:39:29 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: k3tks@u1.abs.net,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144104] Re: 2N2222A Heatsinks [And Others] [addendum]
Message-ID: <3.0.2.32.20030105053929.007f4980@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Couple of additional notes to George's comments:

A strip of thin copper about 1/2 in wide and 1-1/2 inch long. Wrap one end
completey around a mandrel slightly smaller than the 2222. Adjust it so
that the spring tension of the copper holds the *flag* in place. A dab of
solder at the top edge of the opening will help maintain tension. The
shaft of one size Philips screwdriver worked for me.

Use a little heat sink compound (RS?) to help the heat transfer too.

Email Alt: w5usj@arrl.net

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP http://www.netxqrp.org

----

Date: Sun, 5 Jan 2003 11:44:29 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <k3tks@u1.abs.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144105] Re: 2N2222A Heatsinks [And Others]
Message-ID: <DAV67cEb6oDsvSKeooD000078b6@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "George Gingell" <k3tks@u1.abs.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, January 05, 2003 4:58 AM
Subject: Re: 2N2222A Heatsinks [And Others]

> It took a while, but it looks like this is the first Real Homebrew thread
> for 2003. I am particularly impressed by the contributions of DK3RED, and
> N5IB, Both of whom expressed ideas that I had as well as some that i have
> personally used in the past.
>

There's the technique I saw in QST many years ago (I think it was from the
late Doug DeMaw) - form the end of a small piece of flashing copper round a
drill and push this it on the can. I've done this once or twice.

73, Leon
--
Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Sun, 5 Jan 2003 05:46:50 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: psschwarz@kellnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [144106] Re: 30M
Message-ID: <Pine.LNX.4.44.0301050544130.1313-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes guys it's Ham Radio. It is guys getting their internet e-mail with
Pactor. I do that when I'm camped out in the mountains without telephone
or electricity or water or sewer...

On Sun, 5 Jan 2003 psschwarz@kellnet.com wrote:

> gergea writes:
>
> Not so bad before someone decided to make 10.125 and up the digital nirvana.
>
> Is that what hammers 10.13 after dark? I often wondered.
>
> Patrick...KB8RTZ...
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 5 Jan 2003 07:51:37 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144107] Re: 30M
Message-ID: <20030105075045.J88773-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 5 Jan 2003, Karl F. Larsen wrote:

> Pactor. I do that when I'm camped out in the mountains without telephone
> or electricity or water or sewer...

So, I'm curious, how does the Pactor help with the lack of a sewer?

Thom

baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/ Baltimore's Home Page

http://www.baltimorehon.com/ Home of the Baltimore Lexicon
http://www.zerobeat.net Home of The QRP Web Ring and DrakeList
http://www.tlchost.net Web Hosting as low as $3.49/month

Date: Sun, 5 Jan 2003 06:27:56 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Karl Kanalz <kkanalz@gcecisp.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144108] RE: 30M
Message-ID: <Pine.LNX.4.44.0301050625280.1313-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use my 88 foot dipole fed with 450 ohm ribbon on ANY frequency. It
works well on 30 meters. My portable one I use for getting my e-mail on
30 meters when camping.

On Sat, 4 Jan 2003, Karl Kanalz wrote:

> I use either:
>
> a) My 40M half-wave dipole
> Or
> b) My Cushcrap RV-7 vertical (40M and up)
>
> Karl K - W8TIF
> McKinney, Texas
>
> -----Original Message-----
> From: gergea [SMTP:w4gfa@bellsouth.net]
> Sent: Saturday, January 04, 2003 2:34 PM
> To: Low Power Amateur Radio Discussion
> Subject: re: 30M
>
> The only draw-back to 30 meter operation is the small size of the band.
> Not so bad before someone decided to make
> 10.125 and up the digital nirvana. Now, it's only 25 Khz for CW work.
> Interesting band. What are you folks using
> for antennas on 30 meters? My G5RV with tuner WILL work, but not very
> well.
>
> Geo
>

>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.435 / Virus Database: 244 - Release Date: 12/30/02
>
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 05 Jan 2003 08:41:45 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144109] Re: [OP] RMFF and SST
Message-ID: <3E17EFC9.8858.53A806D@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 4 Jan 2003 at 23:25, Kenneth Hoglund wrote:

> One of the ideas we had for the 'Flea Fight' was to reward those who can
> sustain a distance qso with a 'rock-bound' rig.
>
> The SST has 10 khz of range---not that much advantage over a fixed XTAL
> when the question is not the "quantity" of qso's but the "quality"
(i.e.
> length of qso X distance covered). Of course, 2.5 watts out is probably
> more helpful than 300mW for a rig like my Tuna Tin II.

Ken,

The big "advantage" of an SST over the RM, 49er, Tiny Tornado, etc, is
not so much the tuning range, although it helps. It's the difference
between a DC receiver, with a wide front end, and a superhet with three
poles of crystal filtering! Now THAT makes a difference! Entirely
different "class" of rig.

+-++-++-++-++-+   John L. Sielke

|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+-++-++-++-++-+   Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 05 Jan 2003 08:43:20 -0500
From: Joseph Mikuckis <k3chp@erols.com>
To: QRP-L Mailing List <qrp-l@lehigh.edu>
Subject: [144110] QSLing DX Stations
Message-ID: <3E183677.3C7560F9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those who have trouble receiving replies to their DX QSL cards, I
may have an effective answer. I have a collection of typical ham
sentences translated into 54 different languages (with their respective
alphabets). All you have to do is select the appropriate sentences in
the language of the DX satation worked and copy them on your QSL card.
The DX station unpon receiving your QSL card with comments in his own
language will usually reply. My book covers everyting from Afrikaans to
Zulu. If interested, contact me directily via k3chp@arrl.net.

Joe, K3CHP
Frederica, DE USA

Date: Sun, 5 Jan 2003 08:44:12 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <leon_heller@hotmail.com>
Subject: [144111] Re: 2N2222A Heatsinks [And Others]
Message-ID: <003401c2b4c0$8933f780$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

At Dayton a couple of years ago I picked up a roll of flashing copper.
Probably enough to last me 20 years, but it sure has a variety of uses. I
haven't used it to make 2N2222 heat sinks, but LM7805 heat sinks, shields,
little brackets, etc. etc. It's not the sort of thing I tend to notice at
hamfests, but it sure comes in handy.

72/73 de WB8RCR   http://www.qsl.net/wb8rcr

didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "Leon Heller" <leon_heller@hotmail.com>
Subject: Re: 2N2222A Heatsinks [And Others]

> There's the technique I saw in QST many years ago (I think it was from the
> late Doug DeMaw) - form the end of a small piece of flashing copper round
a
> drill and push this it on the can. I've done this once or twice.

Date: Sun, 05 Jan 2003 05:44:35 -0800 (PST)
From: "W2BJ" <w2bj@minsky.info>
To: k5di@zianet.com
Cc: qrp-l@Lehigh.EDU
Subject: [144112] RE: 30M
Message-ID: <20030105054435.29053.h006.c001.wm@mail.minsky.org.criticalpath.net>
Content-Type: text/plain; charset=iso-8859-1
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

"Karl F. Larsen" wrote:

My portable one I use for
> getting my e-mail on
> 30 meters when camping.

Hi Karl,
How do you get your e-mail on 30 meters?

72/73,Barry J. Minsky, W2BJ ARRL, QRP ARCI #8871,
NorCal #1560, QRP-L, FISTS #2701, Century Club
#569, Platinum #51, Silver #119, FISTS CW Club of
Coastal Georgia, Knightlites, Adventure Radio
Society #359, QCWA #29298, OOTC #3723, SOC #193,
K2 #577, K1 #98, Rock Mite

Date: Sun, 5 Jan 2003 08:49:04 -0500
From: "G. Brandon Hoyt" <preacher102677@juno.com>

To: qrp-l@Lehigh.EDU
Subject: [144113] Re: 30M
Message-ID: <20030105.084905.2616.0.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Best 30m antenna I've used at this QTH is a folded dipole made with radio Snack black tv twinlead... Cut for 40m. Never made one 40m contact on that antenna, but made lots on 30... I also bagged XR0X on 10m voice with 25 watts with this antler. Go figger. I got near and far contacts on it, nothing out of state, but I tried. Made 30 my fav. band. That antenna failed right before summer, so now I have a 75 foot (apx) piece of speaker wire out there. It works, and I have made contacts on 40, but one of these days I'ma get that dipole back up, and I will make contacts on 40 with it! I think this year is antenna year (gettin' married in April, and I told my YL that I've bought all the radios I'm buying for this year barring a major sale event, recently acuired a used FT-817) So I think I might try a few experiments with sloping dipoles, w3edp antennas, and maybe a windom or two. I'm thinking about gettin' a doublet up first, just fer multiband use, even though I'll prolly only be able to get it to cloud warmer height.
Anywho.
In summary. Folded dipoles cut for other bands seem to work for 30m provided you have a tuner! ;-)

LIC,
G. Brandon Hoyt "Known far and Wide as the Great Pumpkin"
Philosopher, Photographer, Preacher, Pirate, Poet.
DE KG4GVL Clear
Comin' str8 up from "tha COLLEGE PARK", GA (30337)

_____
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Date: Sun, 05 Jan 2003 09:01:10 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Cc: res075cz@gte.net
Subject: [144114] Re: K1 Operation from motel room
Message-ID: <000301c2b4c2$e68cafb0$6401a8c0@Home>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Good morning Jim,

I'll also be in OKC in February (Jan 7-Feb 11) and will be staying in a coorporate apartment for the duration with my trusty K1 and batteries. I don't know what area you will be staying in but there are some hotels near Meridian and Reno that have at least 6 floor levels and an open-able window. I make at least 4 trips to OKC each year and have scouted out the ones with antenna possibilities.

I have no problem working into Texas on 40m with a 33-foot piece of magnet wire hanging out a 6th floor window (tied off to a shrub, parking lot sign, etc) and another 33-foot wire snaked around the interior of the room. To tune the antenna, I use either K1's internal tuner or a ZM-2 if I have another rig with me. The antenna will then tune all bands 10m-40m. Typically, the exterior wire is only 5 to 10 feet from the side of the building yet I'm able to work into Central America on 40m and the Pacific on 20 meters fairly often. Just make sure you reserve a room on the top floor of your hotel and on the south side, since you want to work into Texas.

Okla City is actually a ham-friendly place to stay if you have to be in a hotel - a large number of my fellow employees are hams and we all have to "do time" there for training. A lot of guys bring their rigs (I know of at least 3 on this list) and the management of the hotels we use are used to getting requests to "run a wire out to that oak tree" etc. For longer-term schools, I stay in an apartment with a very wooded courtyard and put up an inverted V. These coorporate apartments are very nice, quiet, secure and well-maintained and they are opening their doors to other business travelers outside the organizations they previously restricted themselves to. I think they define "business traveler" as someone staying at least a week and the rate is something like $350/week, about the same as a hotel. I'll be happy to check on that for you once I get out there or, failing that idea, I can recommend a hotel with antenna-friendly accomodations/management. I will also have my antenna-raising slingshot, fishing line and all the paraphanalia that goes with it & would be happy to help you get on the air.

If you'll email me your phone #, I'll give you a call once I get out there and let you know about the corporate apartments or hotels I'd recommend that I know would allow an antenna. 73 for now,

John Harper AE5X
Outdoor QRP & 80-Meter DXing: http://www.ae5x.com

Date: Sun, 5 Jan 2003 09:31:18 -0500
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144115] Re: K1 Operation from motel room
Message-ID: <5A5599FE-20BA-11D7-8B50-000393C78314@dcg.org>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v551)
Content-Transfer-Encoding: 7bit

On Saturday, Jan 4, 2003, at 23:15 America/Indianapolis, Don wrote:

>
>
> res075cz wrote:
>> ...I have been considering
>> trying to operate from the motel room but I am not sure it is
>> practical with
>> a QRP signal ...
>> 73 de Jim, K5ROV...
>
>   I found out that motel
> conditions could be quite different from indoor operation in
> my 70 year old house.
> Example: Modern construction with foil faced insulation,
> steel studs in walls, and metallic reflective coating on the
> window glass will make reception difficult with an indoor
> antenna.

Don't forget about the sodium vapor exterior lights that come on just
about the time you are ready to get on the air. <sigh>

==========
Dave Gingrich, K9DC
Indianapolis, Indiana USA
==========

Date: Sun, 05 Jan 2003 08:37:13 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, QRPp-I@yahoogroups.com,
        Rock-Mite_Group@yahoogroups.com
Subject: [144116] R-M Sidetone LP Filter Experiment (unused R-M op amp)
Message-ID: <3.0.2.32.20030105083713.008f44a0@mail.9plus.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

R-Mers,

Slight overkill (maybe) for the sidetone but fun to do. The active LP filter is built with the unused op amp in U2. The sidetone sounds much nicer with this filter and the volume is reduced -- maybe too much. With loud signals on 40 I had to disconnect the antenna so I could hear the lower speed adjustment tones. A filter with some gain may be all that's needed. Something to try with further experimenting.

Because accurate filtering is not needed here, the parts are not critical. Standard monolithic chip capacitors and resistors were used.

Schematic and picture of the lashup are in the Yahoo Rock-Mites_Group Photos, W5USJ album.

P.S. Not intended to be a substitute for Steve's R-M filter coming later this month... [g]

Email Alt: w5usj@arrl.net

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP http://www.netxqrp.org

---

Date: Sun, 05 Jan 2003 10:05:56 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [144117] Re: 30M
Message-ID: <5.1.1.6.1.20030105100501.00b2eeb0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:51 AM 1/5/2003 -0500, you wrote:
>On Sun, 5 Jan 2003, Karl F. Larsen wrote:
>
> > Pactor. I do that when I'm camped out in the mountains without telephone
> > or electricity or water or sewer...
>
>So, I'm curious, how does the Pactor help with the lack of a sewer?

Thom,

He -did- say it was guys getting their Internet e-mail.

Dave

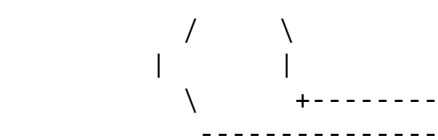
Dave Hinerman
WD8CIV@att.net

Date: Sun, 05 Jan 2003 07:49:09 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [144118] Re: 2N2222 Heat sinks?
Message-ID: <5.1.1.6.2.20030105070626.00a02070@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

A home-made heatsink for small transistors (adapted from an old ARRL handbook):

- Cut a piece of copper flashing, thin aluminum sheet, brass shim stock, etc. about 1 to 1-1/2" long and 1/4 to 1/2" high. The more area, the effective it will be--but you'll need to keep it low if you want to fit inside an Altoids tin!
- Select a drill bit a few sizes smaller than the case diameter.
- Using the drill bit as a form, wrap the metal sheet into the shape of a clamp. For plastic cases (TO-92), use needle-nose pliers to flatten one side.
- Press the heatsink onto the transistor case. I find it easier to do this before soldering the part to the PC board.
- For severe duty use (backpacking), a drop of super-glue will help keep the heatsink from falling off.
- Remember that for metal-case transistors, the heatsink is connected to the collector of the 2N2222. For plastic cases there's stray capacitance. So be careful of what other circuits the heatsink comes near, lest the demons of oscillation invade your rig. This applies no matter what heatsink you use.

It should look like this, from the end:



72,
--Tim (KR0U)

"Lee Mairs" <lmairs@direcway.com>:

>Chuck raises a good point. Does anybody have a stock number for some heat
>sinks that will fit on the 2N2222?

Date: Sun, 05 Jan 2003 08:08:09 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [144119] Re: VFO pulling
Message-ID: <5.1.1.6.2.20030105074930.00a05b90@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Another possible cause is RF feedback from the transmitter output stages to
the VFO circuits. This can be reduced by shielding and filtering of all the
VFO and buffer circuits. Moving the VFO away from the output frequency (by
frequency mixing or using a frequency multiplier) may also help the
situation, by making the VFO tuned circuits non-resonant at the output
frequency.

72,
--Tim (KR0U)

>"Ian Wilson" <ianmwilson@earthlink.net>:
>
>I have a Colpitts VFO that gets pulled about 300Hz high when I transmit.
>The two sources of pulling that I know about are caused by a) change of
>supply voltage or b) change of load on transmit.

Date: Sun, 5 Jan 2003 09:12:53 -0600
From: "res075cz" <res075cz@gte.net>
To: <ae5x@qsl.net>, <qrp-l@lehigh.edu>
Subject: [144120] Re: K1 Operation from motel room
Message-ID: <044801c2b4cc$ec2a04e0$0f972804@dslverizon.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank you so much, John, and all the group who offered so many constructive
comments. What a great bunch of guys, and I sure do appreciate you.

Generally, the feeling is that I should try it and see. There were a lot of comments about noise and metal in the construction of the building. Getting on a high floor and hanging one side of a dipole out the window was considered a high priority.

We will be getting to OKC on February 14th (Valentines day and my son's birthday), and staying about five days. Actually we will be staying in Midwest City where my son resides. John, it appears I will be there after you have left...too bad! The Motel I will be staying in is probably single story and rather new so I am sure it has lots of metal in the walls. I want to be close to my son's house. At my age, everything I do makes old bones ache, hi.

At this point I am considering taking my Icom IC-706IIG instead of the K1. It offers more versatility (power, phone, VHF/UHF, etc.) and only lacks the ATU. I am thinking of buying an automatic tuner for it, but I sure hate to pay Icom's price. I am not a true QRPer in that I love to build QRP gear (I have built 3 K1's and sold two, and many other QRP rigs), but I prefer a bit more power when I operate. I have a great little switching power supply for the 706 that is very small and very quiet. And the combination will run all the way to 100 watts but will allow me to run QRP power levels as well. I am a rag-chewer and can chat for hours so I like a bit more power at times...hi.

Again, thank you, guys. Your comments were very helpful.

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt (E-9), USAF, Ret., San Angelo, TX
Ham for over 60 yrs. 90% CW
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

----- Original Message -----
From: "John Harper AE5X" <ae5x@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, January 05, 2003 8:01 AM
Subject: Re: K1 Operation from motel room

> Good morning Jim,
>
> I'll also be in OKC in February (Jan 7-Feb 11) and will be staying in a
> coorporate apartment for the duration with my trusty K1 and batteries. I

> don't know what area you will be staying in but there are some hotels near
> Meridian and Reno that have at least 6 floor levels and an open-able
window.
> I make at least 4 trips to OKC each year and have scouted out the ones
with
> antenna possibilities.
>
> I have no problem working into Texas on 40m with a 33-foot piece of magnet
> wire hanging out a 6th floor window (tied off to a shrub, parking lot
sign,
> etc) and another 33-foot wire snaked around the interior of the room. To
> tune the antenna, I use either K1's internal tuner or a ZM-2 if I have
> another rig with me. The antenna will then tune all bands 10m-40m.
> Typically, the exterior wire is only 5 to 10 feet from the side of the
> building yet I'm able to work into Central America on 40m and the Pacific
on
> 20 meters fairly often. Just make sure you reserve a room on the top floor
> of your hotel and on the south side, since you want to work into Texas.
>
> Okla City is actually a ham-friendly place to stay if you have to be in a
> hotel - a large number of my fellow employees are hams and we all have to
> "do time" there for training. A lot of guys bring their rigs (I know of at
> least 3 on this list) and the management of the hotels we use are used to
> getting requests to "run a wire out to that oak tree" etc. For longer-term
> schools, I stay in an apartment with a very wooded courtyard and put up an
> inverted V. These coorporate apartments are very nice, quiet, secure and
> well-maintained and they are opening their doors to other business
travelers
> outside the organizations they previously restricted themselves to. I
think
> they define "business traveler" as someone staying at least a week and the
> rate is something like $350/week, about the same as a hotel. I'll be happy
> to check on that for you once I get out there or, failing that idea, I can
> recommend a hotel with antenna-friendly accomodations/management. I will
> also have my antenna-raising slingshot, fishing line and all the
> paraphanalia that goes with it & would be happy to help you get on the
air.
>
> If you'll email me your phone #, I'll give you a call once I get out there
> and let you know about the corporate apartments or hotels I'd recommend
that
> I know would allow an antenna. 73 for now,
>
> John Harper AE5X
> Outdoor QRP & 80-Meter DXing: http://www.ae5x.com
>
>
>

Date: Sun, 5 Jan 2003 10:20:54 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <portscom@hotmail.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144121] Re: OT:Wanted: Win95 on Floppy Disks
Message-ID: <001901c2b4ce$28b1d180$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Looking for a set of Win95 on Floppy. If you are ready to part with your
> set, name your price, including shipping.
> I have a nice laptop that I run TRX Manager and Digipan as well as a few
> other hamradio related (and QRP!!) softwares on. The unit does not
include a
> CD Rom and I would like to reformat the drive. I have a utility to
format
> the floppies disks to copy them, but I've been unsuccessful in finding a
> site that has them for download. I believe they are 14 total. Please
send me
> any info on what you have, or Any feedback on this subject and it would
be
> most appreciated.
> 73 John W6ZIP es HS ZEH

Do you have your CD version? I thought you could just copy 1 CAB file
per floppy. Then everything else on the 1st floppy...

Mike

Date: Sun, 05 Jan 2003 10:36:28 -0500
From: Larry - WA2DGD <wa2dgd@comcast.net>
To: Low Power Amateur Radio Discussion <QRP-L@Lehigh.EDU>
Subject: [144122] FS: Porta Paddle
Message-ID: <002b01c2b4d0$36c0afb0$6701a8c0@hamroom>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hello all,

I've got one paddle too many. I'm selling my American Morse Equipment Porta Paddle. It is Blue, and has 2 QSO's to its credit. Perfect condition. $55.00 which includes shipping in USA only.

Thanks,
73
Larry
WA2DGD
K2 #1672
ARCI QRP #11215
NJ-QRP# 395

Date: Sun, 05 Jan 2003 10:41:02 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [144123] Re: [OP] RMFF and SST
Message-ID: <BAY1-F209AauNjVuMhv0000215e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I agree with John that the SST is in a class of rigs superior to the RM etc, for all the reasons that he mentioned...no question. I came *this* close to purchasing an SST a few years back myself but 'another' gem came along and...
But, under 'certain' conditions, I believe that the wide-band nature of the RM and others of its ilk can, itself, be an advantage though this may not be obvious.
Anyway, advantage or no, the rules for the recent RMFF, IMHO, were reasonably clear and fair.
Refinements in the rules for subsequent events might be made but the most important rule should always be to have fun :)

73.
Bill, N4QA

_____
MSN 8 with e-mail virus protection service: 2 months FREE*

http://join.msn.com/?page=features/virus

Date: Sun, 5 Jan 2003 09:39:00 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Thom LaCosta <baltimoremd@baltimoremd.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144124] Re: 30M
Message-ID: <Pine.LNX.4.44.0301050937530.1962-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 5 Jan 2003, Thom LaCosta wrote:

> On Sun, 5 Jan 2003, Karl F. Larsen wrote:
>
> > Pactor. I do that when I'm camped out in the mountains without telephone
> > or electricity or water or sewer...
>
> So, I'm curious, how does the Pactor help with the lack of a sewer?
>
> Thom

     It does not help. But I get my e-mail with it.
--

               - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

---

Date: Sun, 05 Jan 2003 16:35:46 +0000
From: Larry Cahoon <lejek@erols.com>
To: k3tks@u1.abs.net,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144125] Re: RFI, was Evil ARRL?
Message-ID: <5.1.0.14.0.20030105163151.0281b8f8@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

While George can tell about our own RFI guy in the DC area - I"m a bit more
fortunate as he is a member and past president of the Southern MD club that
I am part of. Every now and then I get reports from Mike that he has
checked out my area. I knew that in addition to working for the local
power company he ran his own RFI company I had not realized he had a web
site. I thought I'd pass on the URL for those interested.

Try http://www.rfiservices.info/

73 de Larry.....WD3P in MD
http://www.wd3p.net/

At 02:44 AM 1/3/2003 -0500, George Gingell wrote:
>Happy New Year to Awl Use Awls' from Wee Awl. :^} Sorry Bill, I could not
>help myself. It must be the Grrr its...
>
>Now a wee bit more serious note.
>
>"RFI" or "RFI Free New Year"   I guess we are a bit spoiled here in the
>Washington, D.C. Metro Area, We have our own 'RFI' in the form of Michael
>C. Martin, K3RFI. Mike, is actually a full time Intereference
>Investigator for Potomac Electric Power Company here in Maryland. We Awl
>have had personal experience with him. One of my neighbors, also a ham,
>origional contacted Mike regarding the noise levels in our area. There
>were multiple problems. Needless to say they were eliminated in quite
>short order. Heck, I almost forgot, we also have another neighbor with a
>couple of repeaters at his house. He is another Special Investigator for
>Montgomery County.
>
>Any way, maybe we are just fortunate to have an Expert so handy. I have
>also suggested that ARRL post a listing of known Experts as resources.
>
>They may already have the info on their website. I have been limited to
>email lately, so no opportunity to check.
>
>
>One last comment, and I am off to bed. I notice that there are some here
>on the list who do not seem to realise the value and importance of the
>work that goes on at A.R.R.L. Headquarters on our behalf. Especially, that
>which is often above and beyond the call of duty, As in "PAID" time.
>
>I would like to take a moment and personally extend my Thanks and
>Appreciation for all of the things that "ARRL" (Members and Staff) have
>done and continue to do for Awl of U.S.
>
>
>I would shorten my .signature file, but then I would lose my Advertising
>space, and besides, most would suspect that a bootlegger was using my
>identity.   Just like "JOHN HANCOCK", some us must be a bit more Bold and
>Daring than others. :^}
>
>
>
>

>
>
>QRPp Dx Tu, (C) 2002 K3TKS
>
>Sir George, The First :^}
>
>72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
>Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
>Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
>Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
>George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
>Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
>Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
>Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.
>
>   Collector of Quartz Crystals and Telegraph Keys.
>
>Maryland Milliwatt Club QRP Reference Library, & I.Q.S.F. Donations Accepted.
>
>   RU-QRP? Club Representative, U.S. Treasurer & Founder of I.Q.S.F.
>
>   Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>
>
>   "72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sun, 05 Jan 2003 17:39:54 +0000
From: k4vib@att.net
To: qrp-l@Lehigh.EDU
Subject: [144126] Question about Parallel vs Darlington in PA Configuration
Message-ID: <20030105173954.PRDZ20003.mtiwmhc13.worldnet.att.net@mtiwebc19>

I noticed that the Norcal NB6M10 has two 3053's in parallel for the PA stage.
Does the parallel configuration have more or less output impedance than the
single 3053 and how would you calculate it?

Would putting the 3053's in a Darlington pair gain any more power out? Would
the Darlington pair have any more or less impedance than the single 3053 and
how would you calculate it?

Thanks,

Bill
K4VIB

Date: Sun, 5 Jan 2003 09:39:23 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'portscom@hotmail.com'" <portscom@hotmail.com>,
        Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144127] RE: Wanted: Win95 on Floppy Disks
Message-ID: <BF889CEBEFD2D511B993009027F60ABE251C37@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"

I'm pretty sure you can make your own from the CDROM... IIRC, there's a
directory called CABS, that contains all the cabinett files. Copy each one
to a floppy, noting the number in the filename. That's your disk number...
If you gave a machine already running 95 - just create an emergency boot
disk to boot the system...

HTH

.mark

Date: Sun, 05 Jan 2003 12:44:44 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [144128] Kinda OT - looking for CPU
Message-ID: <3E186F0C.7080403@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I'm looking for a 500 MHz / 100 MHz bus Slot 1 PII (PIII?) processor to
help the old shack computer run a bit smoother. Does anyone have one
lurking about?

72 - Al, K2ZN

Date: Sun, 05 Jan 2003 13:06:44 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [144129] Re: Question about Parallel vs Darlington in PA Configuration
Message-ID: <5.1.1.6.1.20030105130118.00b21a40@postoffice.worldnet.att.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Would putting the 3053's in a Darlington pair gain any more power out? Would
>the Darlington pair have any more or less impedance than the single 3053 and
>how would you calculate it?

Bill,

A Darlington pair is usually used to increase the gain of the stage, not
the power handling capacity. Power isn't shared equally between the two
devices - the "second" transistor carries all the collector current.

I have my suspicions on what the output impedance of a Darlington pair
would look like (I suspect it looks like a single device), but I'll wait
for one of the experts to answer that one.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Sun, 5 Jan 2003 12:09:56 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'k4vib@att.net'" <k4vib@att.net>,
        Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144130] RE: Question about Parallel vs Darlington in PA Configuration
Message-ID: <01C2B4B3.5D721B20.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I don't think Darlington would be a good idea, because in that
configuration the transistor doing the driving is doing very little work
and the one being driven is doing it all. In terms of power handling
anyway. You want a configuration where they can share--parallel or
push-pull.

As far as parallel operation goes, as I see it, in Class C you really don't
go by the transistor's output impedance in determining power--you go by the
supply voltage. And you transform the load's 50 ohm impedance to one that
will give the desired output at that supply voltage. I don't think that
[required Z value] would change with parallel operation.

For that reason, I'm thinking that sticking in a bigger, better, hotter transistor and expecting more power ouput [per recent discussions] wouldn't be very effective. You'd need to put in the bigger transistor (or two in parallel) AND redesign the output stage to take advantage of it.

The fact that it sometimes DOES work, indicates that the method I refer to is an approximation. For example, if the current PA is limited by a low HF Beta, a higher one would raise power. And if you weren't driving the existing transistor hard enough, a replacement one with more gain will also produce more power. But in the absence of things like that, I don't think just sticking in a bigger transistor will normally produce the desired result of more output. I'm digressing from the original questions, but wanted to work that comment in somewhere.

72--Nick, WA5BDU
in Arkansas

On Sunday, January 05, 2003 11:40 AM, k4vib@att.net [SMTP:k4vib@att.net] wrote:
> I noticed that the Norcal NB6M10 has two 3053's in parallel for the PA stage.
> Does the parallel configuration have more or less output impedance than the
> single 3053 and how would you calculate it?
>
> Would putting the 3053's in a Darlington pair gain any more power out? Would
> the Darlington pair have any more or less impedance than the single 3053 and
> how would you calculate it?

Date: Sun, 05 Jan 2003 13:25:16 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144131] Re: 30m
Message-ID: <3E18788C.3030708@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

30 is indeed a marvelous band. If I ever get around to collecting all the wallpaer, I can easily apply for QRP DXCC on that band. I've even had my share of 2X QRP DX ragchews on 30 - try *that* on 20 or 40m!

My garage-mounted HF2V permits me to work anything I hear on the band;
the numbers stations are certainly fun to listen to as well.

72 - Al, K2ZN

Date: Sun, 05 Jan 2003 13:25:56 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144132] RE: RMFF and SST
Message-ID: <3E1878B4.B3BA0C5E@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John W2AGN wrote:

"It's the difference between a DC receiver, with a wide front end, and a
superhet with three poles of crystal filtering! Now THAT makes a
difference! Entirely
different "class" of rig."

Agreed, but then what do you do with an op using the Tuna Tin II for
transmitter and a K-2 for receiver?? Seems even more of an advantage
than the SST.

In any event that is targeting a class of rig, in this case a Xtal
controlled circuit, we had to draw a line somewhere. We drew it on the
transmission side: the rules specifically say that any form of receiver
is permitted.

Maybe we need an event for DC receivers only?

73
Ken KG4FGC

Date: Sun, 5 Jan 2003 10:26:51 -0800
From: "Darrel E. Jones" <wd6bor@vom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144133] Info on Tandy Model 100 notebook?
Message-ID: <00e401c2b4e8$41921420$a0dd913f@default>

MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have a Tandy Model 100 notebook computer that I was considering using for logging i the field. I know people on the list ave used them. Does anyone have info on logging programs available for this?

Tnx and 72,
Darrel, WD6BOR

Date: Sun, 05 Jan 2003 13:43:15 -0500
From: W2AGN <w2agn@w2agn.net>
To: hoglund@wfu.edu,
        Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144134] RE: RMFF and SST
Message-ID: <3E183673.27825.64E9D49@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 5 Jan 2003 at 13:25, Kenneth Hoglund wrote:

> John W2AGN wrote:
>
> "It's the difference between a DC receiver, with a wide front end, and
a
> superhet with three poles of crystal filtering! Now THAT makes a
> difference! Entirely
> different "class" of rig."
>
> Agreed, but then what do you do with an op using the Tuna Tin II for
> transmitter and a K-2 for receiver?? Seems even more of an advantage
> than the SST.
>
> In any event that is targeting a class of rig, in this case a Xtal
> controlled circuit, we had to draw a line somewhere. We drew it on the
> transmission side: the rules specifically say that any form of receiver
> is permitted.
>
> Maybe we need an event for DC receivers only?
>

No the event is fine. I was just thinking too "narrow." Actually, I wish I had thought of using the K2 receiver, or the SST, but frankly, it never occurred to me, as I was thinking "Rockmite, 49ers, Tiny-tornado," etc., as being the "intention. Now I know better, and will definitely have the K2 receiver going next time, or the SST, or whatever. Still seems "unsporting" though.....

+-++-++-++-++-+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+-++-++-++-++-+   Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 05 Jan 2003 12:52:40 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: k2zn@rochester.rr.com,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144135] Re: 30m
Message-ID: <3.0.2.32.20030105125240.00688b7c@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'd agree, 30 is my favorite QRP band. Worked lots of DX and QRP to QRP.
I'm using a ground-mounted Butternut Vertical -- lots of radials.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP http://www.netxqrp.org

----

Date: Sun, 05 Jan 2003 19:01:20 +0000
From: k4vib@att.net
To: qrp-l@Lehigh.EDU
Subject: [144136] Audio Hiss Modification in Norcal 20 Manual
Message-ID: <20030105190120.SAG9286.mtiwmhc11.worldnet.att.net@mtiwebc36>

An audio hiss filter is mentioned in the back of the Norcal 20 manual. Does anynone have a copy of that schematic that they could shoot to me?

Thanks,

Bill

K4VIB

Date: Sun, 5 Jan 2003 13:06:20 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144137] RE: RMFF and SST
Message-ID: <01C2B4BB.3E145880.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In the SKN, I was using the J-38 & DX-35 with VF-1 for TX, and the one-chip homebrew receiver for the RX. ... and for monitoring my transmit keying, the FT-1000. Am I normal?

>
> No the event is fine. I was just thinking too "narrow." Actually, I wish
> I had thought of using the K2 receiver, Still seems
> "unsporting" though.....
>
>
> ---
> +-++-++-++-++-+   John L. Sielke
>

Date: Sun, 05 Jan 2003 14:38:46 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-l@Lehigh.EDU
Subject: [144138] Re: 2N2222A Heatsinks [And Others]
Message-ID: <3E1889C6.4AD22039@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Love these ideas! Regarding .22 cartridges, they are about 0.205" inside diameter, while the 2N2222 metal can is about 0.185" OD, making for a loose fit. The .22 cal Long Rifle (LR) case is about 0.57" long to the rim or interior base, and the 2N2222 is about 0.185" tall to the bottom flange. Therefore it towers above the transistor. A .22 short is about 0.36" long and a CB Cap is about 0.3" long, still a bit above the top of the transistor. CB Caps might be hard to find, but all of them could be cut down in height. To clamp them on firmly, cut cross slots with a metal coping saw blade & then crimp the four "wings" together. Adding some silicone grease to ensure thermal contact & then push fit on top of transistor. The fatter the slots

cut into the case, the more crimping you'll be able to make.
A "hat" of a copper penny or copper flashing can be soldered on top (the base of the cartridge casing) to make more radiating area. BUT: if you use a fired cartridge, no problem,....but if dealing with a live cartridge, BEFORE you solder:
Pull off the head (bullet) with a pliers. Empty powder, throw powder in trash or garden for fertilizer.
Place the cartridge in a 1/4" hole in a block of hard wood; rap cartridge smartly with hammer - primer will detonate, shooting fire a short distance down into table top or whatever you have underneath, blackening it. ALSO wear eye and ear protection...that little primer is still loud. (I am not responsible for any stupidity here)
They also say spraying WD-40 into the cartridge and letting it sit for a while(?) will neutralize the primer, but I have no experience with this.
73, Ed, K2MGM.

Date: Sun, 05 Jan 2003 19:42:53 +0000
From: Harry Hurst <wa3ptg@comcast.net>
To: schoon@amgt.com,
        Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144139] Re: Wanted: Win95 on Floppy Disks
Message-ID: <004501c2b4f2$a39cc200$0200a8c0@daisy>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Loading Windows 95 from floppies is a fate worse than CB.

Try to borrow a parallel CD-ROM, hard drive or Zip drive from someone, and use it to copy the .CAB files to the laptop.

Don't forget to check to see if you need any drivers for the laptop.

72
Hap, WA3PTG
Wilmington

Date: Sun, 5 Jan 2003 12:37:19 -0800 (PST)
From: Michael Payne <n6oft@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [144140] Oscilloscope recommendations for beginner - Do I really need

100MHz bandwidth?
Message-ID: <20030105203719.4389.qmail@web14006.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings everyone. I need your advice on my first
oscilloscope purchase.

I am launching into the wonderful world of
mini-transceiver kit building and some manhattan style
homebrewing, and would like to purchase my first
oscilloscope for use on the bench, and wanted your
advice on how extravagent a scope is needed...

What oscilloscope to buy:
I've been watching ebay, and am debating between
something like a Tektronix 465 or 466 (100MHz dual
trace), but am tempted by price by some of the lower
end 15-25MHz scopes like Elenco or older HP. By the
time I add the cost of some probes and a manual to the
100MHz scope, I'll be pushing over $200; I can
probably pick up a lower-bandwidth scope for half
that.

1) How many "MHz" bandwidth will be enough for general
ham use and homebrew use? (ie. Can I get by with a
15-25MHz scope, or should I go the extra mile and
money for a 100MHz scope?)

I've seen diagrams showing that by having a 10-to-1
bandwidth ratio on what you're monitoring, you'll see
better detail on the waveform. So I'm thinking that
for ham use, if you wanted that detail, then perhaps a
small bandwidth scope would not be adequate (except
for perhaps IF and AF freqs).

It basically amounts to about double the cost, and as
a true frugal ham suffering from post-holiday credit
card blues, I have to wonder if the additional
bandwidth will really be needed and worth it?

2) Are there any other features or things a novice
should consider in purchasing his first oscilloscope?

Thanks in advance and 72,

Mike Payne, N6OFT
Folsom, California

_____
Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
http://mailplus.yahoo.com

Date: Sun, 5 Jan 2003 20:57:55 -0000
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144141] Re: Oscilloscope recommendations for beginner - Do I really need 100MHz bandwidth?
Message-ID: <000801c2b4fd$28223050$5ef10350@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Greetings everyone. I need your advice on my first
> oscilloscope purchase.
>
Go for the 100MHz bandwidth and make sure you have delayed timebase. You will regret anything less in the long run.

You rightly mention the 10-to-1 bandwidth issue, but just think about the operating frequency of any rig you might work on. The HF Ham bands extend to 30 MHz and if you ever get into any sort of logic monitoring 15-20MHz will probably not hack it particularly if you don't go for the delayed timebase option.

The 465/466 family of scopes represent good value for money and I would certainly recommend them to anyone.

Just my tuppence worth from this side of the pond!

Ray, g4fon

Date: Sun, 5 Jan 2003 16:00:18 -0500

From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [144142] Re: An observation
Message-ID: <000301c2b4fd$74ccce60$6b2a0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

No correlation has been proven to exist between the total number of a writer's posts on QRP-L (over a specified span of time) and the amount of "noise" created, either by a writer's postings per se or with or without including the quantity and quality of replies to such postings.

No cause/effect ratio whatsoever has been proven by selecting 2 individuals who are classifed by the observer as having posted "a moderate amount of posts" (approximately 10 posts) and those moderate postings being opined by the writer to be "best signals" (interjecting a subjective conclusion that perhaps such "moderate in number" postings were deemed by the observer to be "good" or "well-written" or "reasonable" or "non-controversal' or whatever other factor(s) by which those posts were deemed by the observer to have been "best signals."

The illogical conclusion is: 2 writers (out of an unspecified number of writers) gave out "good signals" and both of those writer posted a "moderate amount of posts" therefore it is to be concluded that writers who post a moderate amount of posts are the writers who produce the "good signals."

The asserted correlation between the number of a person's postings and "good signals" on QRP-L is stastical and logical nonsense.

Also, the "observer" has offered no valid evidence that all writers who post the greatest number of posts on QRP-L are the writers who generate the most "noise" or who generate whatever it is that is other then "good signals."

N1TP, Tom
Naples, Florida

Date: Sun, 5 Jan 2003 13:59:43 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [144143] re: 30M --censor filter test
Message-ID: <20030105.135947.-344239.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Date: Sun, 5 Jan 2003 16:18:09 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <k5di@zianet.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144144] Re: Wire and ferrite baluns
Message-ID: <20030105212003.WOXF1202.imf01bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Sorry again for the long distance reply. It's been a hell of a fall, and
I'm just now getting caught up on old e-mail.

On 9/28/02 11:38 AM, Karl F. Larsen at k5di@zianet.com wrote:

>Bill your trying to tell me that I do not understand and neither does
>MFJ.

I don't know about MFJ, but I do know the information you posted this
summer was erroneous.

>All I can tell you is the following: I got a balun kit from LBJ
>having a red powdered iron core and it was a 4:1 balun and did not work
>at all on any frequency.

Powdered iron core will be fine for a 4:1 (bifilar) voltage balun, or a
1:1 (trifilar) voltage balun.

There are many reasons why such a balun wouldn't work -- it could have
been wound or wired incorrectly, or the impedance or power levels across
it could be outside it's design range.

Voltage baluns have been out of favor because they don't provide as good
a current balance as current baluns.

>I bought a uncolored ferrite core and rewound

>the balun for 4:1 and it worked fine from 80 thru 10 meters. I then
>reconnected it for 1:1 balun and it is working fine now on my antenna.

You say 4:1 and 1:1, but don't indicate if you wound them as current baluns or voltage baluns. A 4:1 current balun requires two cores.

If you wind a voltage balun on a ferrite core, you'll end up with a lot of loss in the ferrite. It may still "work", but you're losing lots of power in the balun itself, since it will act like a big resistor.

> I used a small ferrite core and made a 1:1 balun on my Dan's
>Small Parts 20 watt T tuner I built. It works fine 80 thru 10 meters.

Again, a 1:1 voltage balun (which requires a trifilar winding), or a 1:1 current balun? (which requires a bifilar winding)?

> All three of my MFJ antenna tuners have ferrite cores hooked up
>as 4:1 baluns because it makes it convienient to bring out to connectors
>in the back of the tuner. I reconnected one to 1:1 and it's working
>fine.

A FERRITE core should not be wound as a voltage balun. You use powdered iron for that.

> Please give me an example of a balun that works using a powdered
>iron core. The Z-match is not a balun.

There's a classic design for a voltage balun. 10 turns bifilar wound on a T200-2 core (powdered iron). Hooked up as an auto transformer. The end of one winding is connected to the start of the other winding. This center is connected to the coax shield. Center conductor is connected to one end, and one side of the balanced line (or antenna). Other end goes to the other side of the balanced line. This creates a 4:1 impedance transformation for resistive loads.

You can find this design in older handbooks. You can also build voltage baluns with air cores, either toroidial or solenoidal.

Current baluns are a different animal. A 1:1 current balun is wound on a ferrite core as a bifilar winding. At first glance, it may seem much like the 4:1 voltage balun above, but is wired differently. It's really a two-conductor transmission line. There is no cross-connection between the ends of the windings.

In the voltage balun, the transmitted power energises the core in order to transfer energy to the balanced conductor opposite.

In a current balun, the transmitted power shouldn't energise the core at

all. The only currents that energise the core are a) common mode currents (which we're trying to supress) and b) the shunt current being across the antenna to ground. Since the impedance of the current balun should be several times the load impedance, the b) current should be small enough to ignore.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Sun, 5 Jan 2003 16:25:20 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <hugo@optonline.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144145] Re: Wire and ferrite baluns
Message-ID: <20030105212713.WTZH1202.imf01bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/28/02 1:10 PM, Hugo at hugo@optonline.net wrote:

>You can use ferrite to make either a voltage or current balun.

If you make a voltage balun with ferrites, your efficiency goes down.

NOT recommended.

>With Iron powder, since the permeability is much less than ferrite, size
>does matter and you can not use a small core.

For a voltage balun, you do not need a lot of impedance. (in fact, you don't want a large impedance for a voltage balun) A high Q is required, so as not to lose too much transmitted energy. Powdered iron is great for this. Ferrite is not.

A current balun, on the other hand, needs sufficient impedance to choke off the common-mode currents. With Powdered iron, you'd need dozens of turns to get sufficient impedance, or an enormous core (or stacks of them). The low Q of ferrite is immaterial, since the transmitted (balanced) currents do not energise the core. Ferrite is the perfect material for current baluns, powdered iron is not.

>The same turns ration don't apply. The desired bandwidth is easier to

>achieve with higher perm cores. Most of the time the price to pay is low
>efficiency, (heat loss), although you see a nice match with the network.

Current baluns can have high efficiency with ferrites.

>Speaking of MFJ, they have a reversible L 'mobile' tuner (don't know the
>model, but you might know it), with a coil wound on two stacked ferrite
>cores about 1 1/4 " diameter that matches almost anything with a nice
>bandwidth. If you thing about it, the reason is simply the horrible losses
>in that core that makes it so easy to match to a low VSWR

Ferrite cores would be a poor choice for the L in an antenna tuner.

>Also never forget that the core is only necesary for lower bands. The same
>"wideband-cure_it_all" balun (80-10M), doesn't make use of the core's
>magnetic properties on higher bands.

Again, it depends on the balun design. A voltage balun doesn't require a
core. A current balun likely does (unless you want to wind a large coil).

>I don't know who LBJ is nor what he or she sells, therefore I can't tell
>whether the design is flawed or you wound it wrongly.
>
>My point is that you can even make an efficient current (choke) or voltage
>balun with either or NO core at all.

Yes, but you don't use the same type of material in each case.

>It seems to be a confusion amongst some list members on this issue. The
>ARRL Antenna Handbook has plenty of info about transmission line
>transformers.

You'll note that recent versions of the ARRL Handbook have very little
information on Voltage baluns. Current baluns acheive better balance, and
are therefore recommended.

Bill Coleman, AA4LR, PP-ASEL   Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
            -- Wilbur Wright, 1901

Date: Sun, 05 Jan 2003 15:31:32 -0600
From: KD5NWA <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [144146] Re: An observation
Message-ID: <5.2.0.9.0.20030105152536.00a9f0a0@pop.cbayona.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Or maybe, persons who write "trashy" post like to do it quite often. Why don't run an analysis of the data and try to find the correlation factor of the data to different post theories. Be sure to let us know what your data reveals, I would personally like to know for a fact, statistically who are the 6Sigma posters of "good" email.

At 03:00 PM 1/5/2003, Tom Palmer wrote:
>No correlation has been proven to exist between the total
>number of a writer's posts on QRP-L (over a specified span
>of time) and the amount of "noise" created, either by a
>writer's postings per se or with or without including the
>quantity and quality of replies to such postings.
>
>No cause/effect ratio whatsoever has been proven by
>selecting 2 individuals who are classifed by the observer as
>having posted "a moderate amount of posts" (approximately
>10 posts) and those moderate postings being opined by the
>writer to be "best signals" (interjecting a subjective
>conclusion that perhaps such "moderate in number" postings
>were deemed by the observer to be "good" or "well-written"
>or "reasonable" or "non-controversal' or whatever other
>factor(s) by which those posts were deemed by the observer
>to have been "best signals."
>
>The illogical conclusion is: 2 writers (out of an
>unspecified number of writers) gave out "good signals" and
>both of those writer posted a "moderate amount of posts"
>therefore it is to be concluded that writers who post a
>moderate amount of posts are the writers who produce the
>"good signals."
>
>The asserted correlation between the number of a person's
>postings and "good signals" on QRP-L is stastical and
>logical nonsense.
>
>Also, the "observer" has offered no valid evidence that all
>writers who post the greatest number of posts on QRP-L are
>the writers who generate the most "noise" or who generate
>whatever it is that is other then "good signals."
>
>N1TP, Tom
>Naples, Florida

Cecil
KD5NWA

Date: Sun, 05 Jan 2003 17:05:57 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144147] Re: An observation
Message-ID: <3E1865F5.23162.7083B9B@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 5 Jan 2003 at 15:31, KD5NWA wrote:

> Or maybe, persons who write "trashy" post like to do it quite often. Why
> don't run an analysis of the data and try to find the correlation factor of
> the data to different post theories. Be sure to let us know what your
data
> reveals, I would personally like to know for a fact, statistically who
are
> the 6Sigma posters of "good" email.
>
>
> At 03:00 PM 1/5/2003, Tom Palmer wrote:
> >No correlation has been proven to exist between the total
> >number of a writer's posts on QRP-L (over a specified span
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> >writer's postings per se or with or without including the
> >quantity and quality of replies to such postings.
> >
> >No cause/effect ratio whatsoever has been proven by
> >selecting 2 individuals who are classifed by the observer as
> >having posted "a moderate amount of posts" (approximately
> >10 posts) and those moderate postings being opined by the
> >writer to be "best signals" (interjecting a subjective
> >conclusion that perhaps such "moderate in number" postings
> >were deemed by the observer to be "good" or "well-written"
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> >factor(s) by which those posts were deemed by the observer
> >to have been "best signals."
> >
> >The illogical conclusion is: 2 writers (out of an
> >unspecified number of writers) gave out "good signals" and

> >both of those writer posted a "moderate amount of posts"
> >therefore it is to be concluded that writers who post a
> >moderate amount of posts are the writers who produce the
> >"good signals."
> >
> >The asserted correlation between the number of a person's
> >postings and "good signals" on QRP-L is stastical and
> >logical nonsense.
> >
> >Also, the "observer" has offered no valid evidence that all
> >writers who post the greatest number of posts on QRP-L are
> >the writers who generate the most "noise" or who generate
> >whatever it is that is other then "good signals."
> >
> >N1TP, Tom
> >Naples, Florida
>
> Cecil
> KD5NWA
>
>

To the original observer, and the two lengthy follow up posters I offer three words;

Get A Life!

I am in mind of a picture of Freud making an obscene gesture with the caption, "Analyze This."

P.S. Since "you know who" wasn't one of the posters, my resolution is still good.

+-++-++-++-++-+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+-++-++-++-++-+   Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 5 Jan 2003 16:10:47 -0600
From: "George, W5YR" <w5yr@att.net>
To: <n1tp@swfla.rr.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144148] Re: An observation
Message-ID: <006101c2b507$4eb24660$0201a8c0@fairviewtx.net>

MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bottom line: about the only valid conclusion to be drawn is that the
posting added to the noise side of the equation.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, January 05, 2003 3:00 PM
Subject: Re: An observation

> No correlation has been proven to exist between the total
> number of a writer's posts on QRP-L (over a specified span
> of time) and the amount of "noise" created, either by a
> writer's postings per se or with or without including the
> quantity and quality of replies to such postings.

Date: Sun, 05 Jan 2003 17:26:33 -0500
From: N0tk@aol.com
To: qrp-l@lehigh.edu
Subject: [144149] FOX N0TK Final Log
Message-ID: <5E33A040.16329861.00002D75@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

No further updates received from the
hounds so this is my final log for
the 2 January 2003 Foxhunt.

Time Call   Sent Recd SPC Name   Pwr
0201 N3BJ   559 559 VA Alan   5w
0202 N0UR   559 579 MN Jim   5w
0203 N5ZE   559 559 TX Lew   5w

0204	K5DW	559	559	TX	Don	5w
0204	AJ4AY	559	559	AL	Jay	5w
0205	K0PC	559	559	MN	Pat	5w
0207	K5JHP	559	559	TX	Bill	5w
0208	K4FB	559	559	FL	Paul	5w
0208	W5TB	559	559	TX	Doc	5w
0209	W5USJ	559	559	TX	Chuck	5w
0209	K3ESE	559	559	MD	Lloyd	5w
0210	N0WX	559	559	MN	Mike	5w
0211	K5ZTY	559	559	TX	Bill	5w
0212	WA9TZE	559	559	WI	Jim	5w
0212	W5YR	559	559	TX	George	5w
0213	N4ROA	559	559	VA	Dan	5w
0213	KK5LD	559	559	TX	Dan	5w
0214	K4OAH	559	559	GA	Garey	5w
0215	K5SR	559	559	TX	Dale	5w
0215	K3PH	559	559	PA	Bob	5w
0216	N1FN	559	559	CO	ET	5w
0217	K5OT	559	559	WI	Larry	3w
0218	K2ZN	559	559	NY	Al	5w
0218	WE9K	559	559	WI	Glenn	5w
0219	K5EOA	559	559	LA	Wayne	5w
0220	W9XU	559	559	WI	Lon	5w
0221	W2AGN	559	559	NJ	John	5w
0222	W2RBA	559	559	NY	Joe	5w
0225	K9IUA	559	559	IA	Kevin	5w
0225	W0CH	559	559	MO	Dave	5w
0226	AA5O	559	559	LA	Vern	5w
0227	K3IU	559	559	RI	Ken	5w
0228	N3AO	559	559	PA	Carter	5w
0232	K9DC	559	559	IL	Dave	5w
0236	N5YFC	559	559	LA	Wayne	5w
0237	K2PQ	559	559	NJ	Frank	5w
0238	KR5C	559	559	TX	George	5w
0240	K4BYF	559	559	FL	Jack	3w
0241	AG0T	559	559	ND	Todd	4w
0242	N7XY	559	559	WA	Bob	5w
0243	K5AIC	559	559	MS	Herb	5w
0243	KG6CYN	559	559	CA	Trev	5w
0245	VE6EX	559	559	AB	Dan	5w
0246	N9AW	559	579	WI	Jerry	5w
0247	NM5M	559	559	TX	Eric	5w
0249	NK9G	559	559	WI	Rick	5w
0250	VE3FAL	559	559	ON	Fred	5w
0251	K4ADI	559	559	SC	Frank	5w
0253	AB9CA	559	559	AL	Dave	5w
0254	AF4LQ	559	559	KY	Mike	5w
0255	K6MMC	559	559	CA	Mike	5w

0257 N1TP   559 559 FL Tom   5w
0257 KB7WW 559 559 OR Art   5w
0259 KQ5U   559 559 TX Terry 5w
0304 KC1FB 559 559 CT Jim   500mw
0306 AC5JH 559 559 OK Tom   5w
0307 N2WW   559 559 CO Larry 5w
0309 N3XRV 559 559 PA Chris 5w
0310 WB4X   559 559 NC Brent 5w
0313 K4GT   559 559 GA Jim   5w
0314 W9HL   559 559 IL Randy 5w
0315 VE6JAZ 559 559 AB Rob   5w
0316 N6LIF 559 559 TX Martin 5w
0319 NV4V   559 339 KY Pete   5w
0320 AF4PP 559 559 GA Chuck 5w
0320 K5OI   559 559 OK Tim   5w
0321 KI0II 559 559 CO Ron   1w
0323 K8CV   559 559 MI Walt   5w
0326 KD5CMN 559 559 TX Mike   5w
0326 KC9LC 559 559 VA Randy 5w
0330 K8HJ   559 559 MI John   5w
0333 WV9N   559 559 OH Randy 5w
0334 NK6A   559 559 CA Don   5w
0339 WS4S   559 559 TN Conard 5w
0339 W8YMO 559 559 OH Harry 5w
0346 W5KDJ 559 559 TX Wayne 700mw
0350 W9XT   559 559 WI Gary   5w
0359 KV2X   FOX NY Tom   5w
0359 N0TK   FOX CO Dan   5w

Date: Sun, 05 Jan 2003 18:10:01 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [144150] Re: Oscilloscope recommendations for beginner - Do I really
  need 100MHz bandwidth?
Message-ID: <5.1.1.6.1.20030105175426.00b1bff8@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>1) How many "MHz" bandwidth will be enough for general
>ham use and homebrew use? (ie. Can I get by with a
>15-25MHz scope, or should I go the extra mile and
>money for a 100MHz scope?)
>

>I've seen diagrams showing that by having a 10-to-1
>bandwidth ratio on what you're monitoring, you'll see
>better detail on the waveform. So I'm thinking that
>for ham use, if you wanted that detail, then perhaps a
>small bandwidth scope would not be adequate (except
>for perhaps IF and AF freqs).
>
>It basically amounts to about double the cost, and as
>a true frugal ham suffering from post-holiday credit
>card blues, I have to wonder if the additional
>bandwidth will really be needed and worth it?

Michael,

The 25 MHz scopes you mention - especially the Elenco - tend to be aimed at the TV repair market, where signals in the 4.5 Mhz range (in other words, video) are about as high in frequency as one needs to go. If you want to do RF or digital, you'll really need the higher bandwidth.

When considering the cost, consider also the cost of buying a unit you're not happy with, then replacing it with a better one.

>2) Are there any other features or things a novice
>should consider in purchasing his first oscilloscope?

Remember you'll need probes, which come in various prices and qualities. Better probes tend to last longer. Probes can go intermittent or open unexpectedly, making you think a circuit is dead when in fact it's just a bad probe. If it's a dual-trace scope, consider getting 3 probes if you're going to do digital work - the third one is for the external trigger input, so you can synchronize tracing of two signals to a separate reference.

Another thing to consider is repair. Since you probably won't want to shell out the money for a professional repair shop, you'll want to do repairs yourself. You'll want a scope for which you can find parts and manuals. The Tek 465 is very common, so you should be able to find parts for it.

Good luck with your purchase, whatever you choose.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Sun, 05 Jan 2003 18:16:45 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [144151] happy dance!
Message-ID: <5.1.1.6.1.20030105181004.00b180b0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

Well, I just made my first HF contact in about 10 years, with an incredibly patient op in Ohio who was willing to put up with my lousy fist on 30M. (Thanks Tim!) I was never much good at Morse, having just barely passed the code test for General.

It's hardly DX, woking maybe 500 miles on 5 watts each way, and if we made 5 wpm it was a miracle, but it was a big hurdle for me. I just had to tell somebody.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Sun, 05 Jan 2003 18:24:31 -0500
From: Larry Thomas <aa3px@chilitech.net>
To: qrp-l@Lehigh.EDU
Subject: [144152] QST article request
Message-ID: <5.1.1.6.2.20030105181834.00a457e0@mail.chilitech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm looking for a copy of an article from Nov. 1979 QST. Titled..(Building an Operating Impedance Bridge) it starts on page 11. If anyone has it and is willing to scan it or mail it to me I would be grateful... If mailed I will pay shipping.
Larry

Date: Sun, 5 Jan 2003 18:26:22 -0500
From: "Emmerson Bigguns" <n8ie@woh.rr.com>
To: "QRP-l" <qrp-l@lehigh.edu>
Subject: [144153] RE: happy dance!

Message-ID: <MMEDLKDLONJOAIGICDJAEEKPDMAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Congrats Dave! Here's hoping you'll have many, many more! :-)

72, oo
Dan, N8IE
FPqrp #-6, QRP-l #1404, FISTS #4985

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of David Hinerman
Sent: Sunday, January 05, 2003 6:17 PM
To: Low Power Amateur Radio Discussion
Subject: happy dance!

Folks,

Well, I just made my first HF contact in about 10 years, with an incredibly patient op in Ohio who was willing to put up with my lousy fist on 30M. (Thanks Tim!) I was never much good at Morse, having just barely passed the code test for General.

It's hardly DX, woking maybe 500 miles on 5 watts each way, and if we made 5 wpm it was a miracle, but it was a big hurdle for me. I just had to tell somebody.

Dave

Dave Hinerman
WD8CIV@att.net

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.434 / Virus Database: 243 - Release Date: 12/25/2002

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.434 / Virus Database: 243 - Release Date: 12/25/2002

Date: Sun, 5 Jan 2003 18:53:29 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <christrask@earthlink.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [144154] Re: Millen LF GDO Coils
Message-ID: <000f01c2b515$a5945e60$35623018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I'll second that, my 90952 has no tap on the coils. Simply two-prong forms.

72

Howard Kraus, K2UD
----- Original Message -----
From: "Chris Trask" <christrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 04, 2003 10:41 PM
Subject: Re: Millen LF GDO Coils

> >
> > The 4 Millen LF-VLF GDO coils are listed SEPARATELY (personally I
> > disagree with this) on ebay (not by me). These are QUITE hard to
> > find-else I wouldn't be mentioning this. Search on "grid dip".
> > If it's not supposed to be done on QRP-L, my apologies.
> >
>
>   Hmmm... Must be the 90652 (solid state) GDO that they won't work
with.
> Just looked at all three of mine and the 90651 and 90651-A both have the
> centre tap connection.
>
> Chris
>
>   ,----------------------.   High Performance Mixers and
>   /   What's all this   \   Amplifiers for RF Communications
>   / extinct stuff, anyhow? /
>   \ _______,--------------'   Chris Trask / N7ZWY
>   _ |/   Principal Engineer
> oo\   Sonoran Radio Research
> (__)\   _   P.O. Box 25240
>   \ \   .' `.   Tempe, Arizona 85285-5240
>   \ \ /   \

>   \ '"   \   IEEE Member #40274515
>   .   ( ) \
>   '-|)__| :. \   Email: christrask@earthlink.net
> | | | | \ '.   http://www.home.earthlink.net/~christrask
>   c__; c__; '-..'>.__
>
>   Graphics by Loek Frederiks
>
>

Date: Sun, 5 Jan 2003 18:55:41 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: David Hinerman <WD8CIV@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144155] Re: happy dance!
Message-ID: <20030105185252.C209-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 5 Jan 2003, David Hinerman wrote:

> Well, I just made my first HF contact in about 10 years, with an incredibly
> patient op in Ohio who was willing to put up with my lousy fist on 30M.
> (Thanks Tim!) I was never much good at Morse, having just barely passed the
> code test for General.

Congratualtions David....kinda reminds me of my first contact after being
off the air for 30 years....I was amazed the guy copied me...I kept on
sending my 30 year old call that had lapsed(which I have back now), and I
was up on cloud nine.

 >
> It's hardly DX, woking maybe 500 miles on 5 watts each way, and if we made
> 5 wpm it was a miracle, but it was a big hurdle for me. I just had to tell
> somebody.

Glad you did...it took some guts to make those steps...hope to tun into
you on 30m....it's a nice place.

Thom

baltimoremd@baltimoremd.com   Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/   Baltimore's Home Page
http://www.baltimorehon.com/   Home of the Baltimore Lexicon

http://www.zerobeat.net Home of The QRP Web Ring and DrakeList
http://www.tlchost.net Web Hosting as low as $3.49/month

Date: Sun, 5 Jan 2003 17:56:08 -0600
From: "NF0J - Dave" <nf0j@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144156] RE: happy dance!
Message-ID: <LPBBLHCCMKOHMPMNHPPAOEFADOAA.nf0j@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave,

Thanks for sharing this great moment. This is
just the sort of thing that makes me love amateur
radio.

73,
Dave, NF0J
http://www.qsl.net/nf0j/

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU
[mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
David Hinerman
Sent: Sunday, January 05, 2003 5:17 PM
To: Low Power Amateur Radio Discussion
Subject: happy dance!

Folks,

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patient op in Ohio who was willing to put up with
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Dave

Dave Hinerman
WD8CIV@att.net

End of QRP-L Digest 2791
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